

II. REMARKS

Formal Drawings are submitted herewith to replace those originally filed with the parent application. With respect to the Formal Drawings, Figures 1B and 2 have been amended to correct typographical errors. Figure 1B was amended such that the nucleotide position indicated as "717" at the end of the sequence was changed to "716" (see original Figure 1), which is the correct number of nucleotides shown (see, also, SEQ ID NO:1). Figure 2 was amended to correct a misspelling of the term "acid." Marked versions of original Figure 1 and of Formal Drawing Figures 1A and 2 showing the amendments are attached as Exhibit A.

The specification has been amended to update the continuing information. As such, the amendment merely addresses a formality and does not add new matter.

Applicants have cancelled claims 1 to 57 and added new claims 58 to 78. The new claims do not introduce new matter and fully supported by the specification as originally filed. Specific support for the new claims is summarized in the Table below.

Claim Number	Support in Specification
57	Claims 1, 2, 4, 5, Table 1 page 16
58	Claims 1, 2, 3, 4, 5, 9, Table 1 page 16
59	Claim 7
60	Claim 6
61	Claim 10
62	Claims 16, 17,18, Table 1, page 16, pages 31 to 33
63	Claims 16, 17,18, Table 1, page 16, pages 31 to 33
64	Claim 7
65	Claim 22
66	Claim 22

Claim Number	Support in Specification
67	Claim 23
68	Claim 24
69	Claim 25
70	Claim 26
71	Claims 27 to 35, pages 35 to 40
72	Claims 36 to 39, pages 35 to 40
73	Claim 40
74	Claim 42, 44
75	Claim 45
76	Page 19, lines 20 to 33, Page 20 lines 5 to 7, Page 16 Table 1, claims 1, 2, 4, 5,
77	Page 19, lines 20 to 33, Page 20 lines 5 to 7, Page 16 Table 1, claims 16, 17,18
78	Page 19, lines 20 to 33, Page 20 lines 5 to 7, Page 16 Table 1, claims 22 to 24

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In view of the foregoing, Applicants respectfully submit that the claims are ready for examination and are in condition for allowance. Please apply any charges not covered, or any credits, to Deposit Account 50-1355. The Examiner is invited to contact Applicants' undersigned representative if there are any questions relating to this application.

Respectfully submitted,

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EXHIBIT A

MARKED-UP COPY OF THE CLAIMS SHOWING THE AMENDMENTS

In the Specification

Please amend the paragraph beginning on line 2 of page 1, as follows:

[This application is a continuation-in-part of U.S. Serial Number 08/594575, filed January 31, 1996.] This application is a continuation of U.S. Serial No. 09/396,003, filed September 13, 1999, which is a continuation of U.S. Serial No. 08/792,553, filed January 31, 1997 (now U.S. Patent No. 5,981,200), which is a continuation-in-part of U.S. Serial No. 08/594,575, filed January 31, 1996.